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### 1 [Enhancing the security of corporate Wi-Fi networks using DAIR](#)

[Paramvir Bahi, Ranveer Chandra, Jitendra Padhye, Lenin Ravindranath, Ma Brian Zill](#)

June 2006   MobiSys '06: Proceedings of the 4th international conference and services

Publisher: ACM

 Full text available: Pdf (302.26 KB)   Additional Information: [full citation](#), [abstract](#), [bibliography](#)

Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 271, Citation

We present a framework for monitoring enterprise wireless networks us  
framework is called DAIR, which is short for *Dense Array of Inexpensive*  
the DAIR framework is useful for detecting ...

Keyw ord s: 802.11, denial-of-service, rogue AP, security, wireless netw

### 2 [Low power scalable encryption for wireless systems](#)

[James Goodman, Anantha P. Chandrakasan](#)

January 1998   Wireless Networks , Volume 4 Issue 1

Publisher: Kluwer Academic Publishers

 Full text available: Pdf (7.39 MB)   Additional Information: [full citation](#), [abstract](#), [bibliography](#)

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Secure transmission of multimedia information (e.g., voice, video, data,  
network applications. Wireless transmission imposes constraints not fou  
as low power consumption, tolerance to ...

### 3 [Internet Security Glossary](#)

[R. Shirey](#)

May 2000   Internet Security Glossary

Publisher: RFC Editor

 Full text available: Txt (489.29 KB)   Additional Information: [full citation](#), [abstract](#), [bibliography](#)

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This Glossary (191 pages of definitions and 13 pages of references) pro  
explanations, and recommendations for use of information system secu  
improve the comprehensibility of writing that deals with ...

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- 4 [TIED, LibsafePlus: tools for runtime buffer overflow protection](#)  
[Kumar Avijit, Prateek Gupta, Deepak Gupta](#)  
 August 2004 SSYM'04: Proceedings of the 13th conference on USENIX  
 Volume 13 , Volume 13  
 Publisher: USENIX Association  
 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)  
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Buffer overflow exploits make use of the treatment of strings in C as ch  
 first-class objects. Manipulation of arrays as pointers and primitive poin  
 for a program to access memory locations which ...


- 5 [Introduction to Accounting Management](#)  
[B. Aboba, J. Arkko, D. Harrington](#)  
 October 2000 Introduction to Accounting Management  
 Publisher: RFC Editor  
 Full text available:  [Txt](#) (129.77 KB) Additional Information: [full citation](#), [abstract](#),  
 Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 19, Citation (

The field of Accounting Management is concerned with the collection of  
 the purposes of capacity and trend analysis, cost allocation, auditing, ar  
 describes each of these problems, and discusses the ...

- 6 [Wireless sensor networks: A survey on the state of the art and the 8](#)  
[Paolo Baronti, Prashant Pillai, Vince W. C. Chook, Stefano Chessa, Alberto](#)  
 May 2007 Computer Communications , Volume 30 Issue 7  
 Publisher: Butterworth-Heinemann  
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
 Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio




Wireless sensor networks are an emerging technology for low-cost, una  
 range of environments. Their importance has been enforced by the rece  
 standard for the physical and MAC layers and the forthcoming ...



Keywords: IEEE 802.15.4, Wireless sensor networks, ZigBee

- 7 [Toward the PSTN/Internet Inter-Networking--Pre-PINT Implementati](#)  
[H. Lu, M. Krishnaswamy, L. Conroy, S. Bellovin, F. Burg, A. DeSimone, K.](#)  
[Schulzrinne, K. Vishwanathan](#)  
 November 1998 Toward the PSTN/Internet Inter-Networking--Pre-PINT Imp  
 Publisher: RFC Editor  
 Full text available:  [Txt](#) (139.15 KB) Additional Information: [full citation](#), [abstract](#)  
 Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 7, Citation C

This document contains the information relevant to the development of  
 underway in the Public Switched Telephone Network (PSTN)/Internet In  
 Group. It addresses technologies, architectures, ...




- 8 [Communications of the ACM: Volume 51 Issue 2](#)  
 February 2008 Communications of the ACM


 Publisher: ACM  
 Full text available:  Digital Edition ,  Pdf (3.89 MB) Additional Information: [full citation](#)  
 Bibliometrics: Downloads (6 Weeks): 320, Downloads (12 Months): 2602, Cita

9 [Detecting identity-based attacks in wireless networks using signalpri](#)  
 Daniel B. Faria, David R. Cheriton  
 September 2006 WiSe '06: Proceedings of the 5th ACM workshop on Wirele  
 Publisher: ACM  
 Full text available:  Pdf (327.56 KB) Additional Information: [full citation](#), [abstract](#),  
 Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 263, Citatio



Wireless networks are vulnerable to many identity-based attacks in whi  
 MAC addresses to masquerade as a specific client or to create multiple i  
 example, several link-layer services in IEEE 802.11 ...

Keyw ords: IEEE 802.11., denial-of-service attacks, location-based serv

10 [Communications of the ACM: Volume 51 Issue 12](#)  
 December 2008 Communications of the ACM  
 Publisher: ACM  
 Full text available:  Digital Edition ,  Pdf (6.91 MB) Additional Information: [full citation](#)  
 Bibliometrics: Downloads (6 Weeks): 6107, Downloads (12 Months): 6107, Cit

11 [International Space Station Evolution Data Book - Volume 1. Baselin](#)  
[Editor Catherine A. Jorgensen](#)  
 October 2000 International Space Station Evolution Data Book - Volume 1.  
 Publisher: NASA Langley Technical Report Server  
 Full text available:  Pdf (3.48 MB) Additional Information: [full citation](#), [abstract](#)  
 Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 44, Citation

This report provides a focused and in-depth look at the opportunities an  
 and evolution of the International Space Station (ISS) during assembly  
 complete stage. These enhancements would expand and improve ...

12 [Dynamic coalescing for 16-bit instructions](#)  
 Arvind Krishnaswamy, Rajiv Gupta  
 February 2005 Transactions on Embedded Computing Systems (TECS)  
 Publisher: ACM  
 Full text available:  Pdf (487.89 KB) Additional Information: [full citation](#), [abstract](#),  
 Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 45, Citation (

In the embedded domain, memory usage and energy consumption are c  
 processors such as the ARM and MIPS provide a 16-bit instruction set, (  
 ARM family of processors), in addition to the 32-bit ...

Keyw ords: 16-bit Thumb ISA, 32-bit ARM ISA, AX instructions, Embed  
 energy, instruction coalescing, performance

# Network Time Protocol (Version 3) Specification, Implementation

D. Mills

March 1992 Network Time Protocol (Version 3) Specification, Implementati

Publisher: RFC Editor

Full text available:  [Text](#) (307.09 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 11, Citation (

This document describes the Network Time Protocol (NTP), specifies its information useful for its implementation. NTP provides the mechanisms and coordinate time distribution in a large, diverse internet ...

## 14 DCAF: An MPEG-21 Dynamic Content Adaptation Framework

Anastasis A. Sofokleous, Marios C. Angelides

November 2008 Multimedia Tools and Applications , Volume 40 Issue 2

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Universal Multimedia Access aims at providing a gratifying end user-experience, be it static or dynamic, to suit the usage environment or adapt client- or server-centric, to suit content. ...

Keywords: Content adaptation, Genetic Algorithms, MPEG-21, Pareto (

## 15 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel E. H. Seuren

November 1997 CASCON '97: Proceedings of the 1997 conference of the Canadian Collaborative research


Publisher: IBM Press

Full text available:  [Pdf](#) (4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#)



Bibliometrics: Downloads (6 Weeks): 47, Downloads (12 Months): 500, Citatio

Understanding distributed applications is a tedious and difficult task. Visually time diagrams are often used to obtain a better understanding of the execution. The visualization tool we use is Poet, an event ...

## 16 Communications of the ACM: Volume 51 Issue 4


 April 2008 Communications of the ACM

Publisher: ACM



Full text available:  [Digital Edition](#) ,  [Pdf](#) (4.24 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 420, Downloads (12 Months): 2430, Cita

## 17 Communications of the ACM: Volume 51 Issue 8



 August 2008 Communications of the ACM

Publisher: ACM

Full text available:  [Digital Edition](#) ,  [Pdf](#) (6.85 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 630, Downloads (12 Months): 1909, Cita



## 18 How low can you go?: recommendations for hardware-supported mir

-  [Jonathan M. McCune, Bryan Parno, Adrian Perrig, Michael K. Reiter, Arvind](#)  
March 2008 ASPLOS XIII: Proceedings of the 13th international conference  
programming languages and operating systems  
Publisher: ACM  
Full text available:  [Pdf](#) (281.62 KB) Additional Information: [full citation](#), [abstract](#), [bibliography](#)  
Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 356, Citation

We explore the extent to which newly available CPU-based security tech  
Computing Base (TCB) for security-sensitive applications. We find that a  
represents a step in the right direction, significant ...

Keyw ords: late launch, secure execution, trusted computing

19 [Daniel McCracken Interview: January 7-9, 2008](#)

-  [Arthur L. Norberg](#)  
January 2006 Oral History interviews  
Publisher: ACM  
Full text available:  [Pdf](#) (613.12 KB) Additional Information: [full citation](#)  
Bibliometrics: Downloads (6 Weeks): 49, Downloads (12 Months): 49, Citation





20 [Access control with IBM Tivoli access manager](#)

-  [Günter Karjoth](#)  
May 2003 Transactions on Information and System Security (TISSE)  
Publisher: ACM  
Full text available:  [Pdf](#) (367.07 KB) Additional Information: [full citation](#), [abstract](#), [bibliography](#)  
Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 224, Citation

Web presence has become a key consideration for the majority of comp  
Besides being an essential information delivery tool, the Web is increasi  
extension of the organization itself, directly integrated ...

Keyw ords: Access control, WWW security, Web servers, authorization

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Bibliometrics: Downloads (6 Weeks): 933, Downloads (12 Months): 2160, Cita

2 [Semantic-based distributed i/o with the paramedic framework](#)  
[Pavan Balaji, Wuchun Feng, Heshan Lin](#)  
 June 2008 HPDC '08: Proceedings of the 17th international symposium on computing  
 Publisher: ACM  
 Full text available: [Pdf](#) (400.55 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 52, Citation

Many large-scale applications simultaneously rely on multiple resources example, such applications may require both large compute and storage supercomputing centers can provide large quantities ...

Keywords: distributed i/o, mpiblast, paramedic

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3 [Agent-based middleware to access multimedia services in a Grid en](#)  
[D. Bruneo, A. Zala, A. Puliafito](#)  
 January 2005 Multiagent and Grid Systems , Volume 1 Issue 1  
 Publisher: IOS Press  
 Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

The increasing development of wireless devices and the diffusion of mot in order to satisfy the users' needs. The management of advanced servi streaming involves several operations like QoS management, ...

Keywords: QoS management, adaptive services, grid computing, locat mobile agents, mobile computing

4 [Exploiting open functionality in SMS-capable cellular networks](#)

[Patrick Traynor](#), [William Enck](#), [Patrick Modaniel](#), [Thomas La Porta](#)  
December 2008 *Journal of Computer Security* , Volume 16 Issue 6  
Publisher: IOS Press  
Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

Cellular networks are a critical component of the economic and social in addition to voice services, these networks deliver alphanumeric text me wireless subscribers. To encourage the expansion ...


Keywords: SMS, Telecommunications, denial-of-service, open-function

- 5 [Security in grid computing: A review and synthesis](#)  
[Erin Cody](#), [Raj Sharman](#), [Raghav H. Rao](#), [Shambhu Upadhyaya](#)  
March 2008 *Decision Support Systems* , Volume 44 Issue 4  
Publisher: Elsevier Science Publishers B. V.  
Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

This paper provides an extensive survey of the different methods of ad grid computing environment, and specifically contributes to the research comprehensive framework for classification of these ...

Keywords: Grid computing, Information assurance, Security, Survey a

- 6 [Introduction to Accounting Management](#)  
[B. Aboba](#), [J. Arkko](#), [D. Harrington](#)  
October 2000 *Introduction to Accounting Management*  
Publisher: RFC Editor  
Full text available:  [Pdf](#) (129.77 KB) Additional Information: [full citation](#), [abstract](#), :

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The field of Accounting Management is concerned with the collection of the purposes of capacity and trend analysis, cost allocation, auditing, ar describes each of these problems, and discusses the ...

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[Paolo Baronti](#), [Prashant Pillai](#), [Vince W. C. Chook](#), [Stefano Chessa](#), [Alberto](#)  
May 2007 *Computer Communications* , Volume 30 Issue 7  
Publisher: Butterworth-Heinemann  
Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

Wireless sensor networks are an emerging technology for low-cost, una range of environments. Their importance has been enforced by the rece standard for the physical and MAC layers and the forthcoming ...

Keywords: IEEE 802.15.4, Wireless sensor networks, ZigBee

8 [Distributed XML processing: Theory and applications](#)

[Dirceu Cavendish](#), [K. Selçuk Candan](#)

August 2008 [Journal of Parallel and Distributed Computing](#) , Volume 68 I

Publisher: Academic Press, Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Basic message processing tasks, such as well-formedness checking and Web service messaging, can be off-loaded from the service providers' o traditional ways to alleviate the overhead caused by these ...

Keyw ords: Distributed processing, Filtering, Grammar validation, Prefi: processing, Well-formedness, XML document processing

9 [Commercial models for IP quality of service interconnect](#)

[B. Briscoe](#), [S. Rudkin](#)

April 2005 [BT Technology Journal](#) , Volume 23 Issue 2

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Interconnection of IP QoS capabilities between networks releases consic show where this value will be realised. We give technical and economic provided in core and backbone networks as a bulk ...

10 [Static analysis of executables to detect malicious patterns](#)

[Mihai Christodorescu](#), [Somesh Jha](#)

August 2003 [SSYM'03: Proceedings of the 12th conference on USENIX](#) ; Volume 12 , Volume 12


Publisher: USENIX Association

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)



Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Malicious code detection is a crucial component of any defense mechani unique viewpoint on malicious code detection. We regard malicious code deobfuscation game between malicious code writers ...

11 [Communications of the ACM: Volume 51 Issue 2](#)

 February 2008 [Communications of the ACM](#)

Publisher: ACM

Full text available:  [Digital Edition](#) ,  Pdf (3.89 MB) Additional Information: [full citation](#)

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12 [Design and Implementation of the AEGIS Single-Chip Secure Proce: Functions](#)



[G. Edward Suh](#), [Charles W. O'Donnell](#), [Ishan Sachdev](#), [Srinivas Devadas](#)

June 2005 [ISCA '05: Proceedings of the 32nd annual international sympo](#)

Publisher: ACM

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Secure processors enable new applications by ensuring private and auth  
the face of physical attack. In this paper we present the AEGIS secure p  
evaluate its RTL implementation on FPGAs. By using ...


Also published in:

May 2005 SIGARCH Computer Architecture News Volume 33 Issue 2

13 [Communications of the ACM: Volume 51 Issue 12](#)

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Publisher: ACM

Full text available:  [Digital Edition](#) ,  Pdf (6.91 MB) Additional Information: [full citation](#)

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14 [International Space Station Evolution Data Book - Volume 1. Baselin](#)

[Editor Catherine A. Jorgensen](#)

October 2000 International Space Station Evolution Data Book - Volume 1.

Publisher: NASA Langley Technical Report Server

Full text available:  Pdf (3.48 MB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 44, Citation

This report provides a focused and in-depth look at the opportunities an  
and evolution of the International Space Station (ISS) during assembly  
complete stage. These enhancements would expand and improve ...

15 [Amalthaea: An Evolving Multi-Agent Information Filtering and Discov](#)

[Alexandros Moukas, Pattie Maes](#)

January 1998 Autonomous Agents and Multi-Agent Systems , Volume 1 I

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), i

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Amalthaea is an evolving, multi-agent ecosystem for personalized filteri  
information sites. Amalthaea's primary application domain is the World  
is to assist its users in finding interesting ...

Keyw ord s: agents, evolution, information filtering, world wide web

16 [DCAF: An MPEG-21 Dynamic Content Adaptation Framework](#)

[Anastasis A. Sofokleous, Marios C. Angelides](#)

November 2008 Multimedia Tools and Applications , Volume 40 Issue 2


Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#)




Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio




Universal Multimedia Access aims at providing a gratifying end user-exp  
content, be it static or dynamic, to suit the usage environment or adapt  
client- or server-centric, to suit content. ...



Keywords: Content adaptation, Genetic Algorithms, MPEG-21, Pareto (

- 17 [Fast detection of communication patterns in distributed executions](#)  
Thomas Kunz, Michiel F. H. Seuren  
November 1997 CASCOS '97: Proceedings of the 1997 conference of the C  
Collaborative research  
Publisher: IBM Press  
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Understanding distributed applications is a tedious and difficult task. Vis  
time diagrams are often used to obtain a better understanding of the ex  
visualization tool we use is Poet, an event ...

- 18 [Communications of the ACM: Volume 51 Issue 4](#)  
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- 19 [Communications of the ACM: Volume 51 Issue 8](#)  
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- 20 [How low can you go?: recommendations for hardware-supported mir](#)  
 Jonathan M. McCune, Bryan Parno, Adrian Perrig, Michael K. Reiter, Arvind  
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programming languages and operating systems  
Publisher: ACM  
Full text available:  Pdf (281.62 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)  
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We explore the extent to which newly available CPU-based security tech  
Computing Base (TCB) for security-sensitive applications. We find that a  
represents a step in the right direction, significant ...

Keywords: late launch, secure execution, trusted computing

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